

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-35. (Cancelled)

36. (New) An elastomeric article that comprises:

a substrate body including a layer made of at least one elastomeric block copolymer, said substrate body having an inside surface and an outside surface;

a chemical protection layer overlying said outside surface of said substrate body, said chemical protection layer being formed from a polymeric material that consists essentially of at least one crosslinked, modified-silicone elastomer, said crosslinked modified-silicone elastomer imparting relative chemical resistance to the elastomeric article; and

an optional outer layer overlying said chemical protection layer.

37. (New) The elastomeric article of claim 36, wherein said modified silicone elastomer is selected from the group consisting of phenyl-modified silicones, vinyl-modified silicones, methyl-modified silicones, fluoro-modified silicones, alkyl-modified silicones, alkoxy-modified silicones, alkylamino-modified silicones, and combinations thereof.

38. (New) The elastomeric article of claim 37, wherein said modified silicone elastomer is selected from the group consisting of phenyl-modified silicones, vinyl-modified silicones, methyl-modified silicones, fluoro-modified silicones.

39. (New) The elastomeric article of claim 38, wherein said modified silicone elastomer contains a diphenyl modified dimethylsilicone.

40. (New) The elastomeric article of claim 36, wherein said chemical protection layer has a thickness of from about 0.01 millimeters to about 0.30 millimeters.

41. (New) The elastomeric article of claim 36, wherein said chemical protection layer has a thickness of from about 0.01 millimeters to about 0.20 millimeters.

42. (New) The elastomeric article of claim 36, wherein said chemical protection layer defines an external, environment-exposed surface of the elastomeric article.

43. (New) The elastomeric article of claim 36, wherein said outer layer defines an external, environment-exposed surface of the elastomeric article.

44. (New) The elastomeric article of claim 36, wherein the elastomeric block copolymer of the substrate body is selected from the group consisting of styrene-ethylene-butylene-styrene block copolymers, styrene-isoprene-styrene block copolymers, styrene-butadiene-styrene block copolymers, styrene-isoprene block copolymers, styrene-butadiene block copolymers, and combinations thereof.

45. (New) The elastomeric article of claim 36, wherein the elastomeric block copolymer is a styrene-ethylene-butylene-styrene triblock copolymer.

46. (New) The elastomeric article of claim 36, further comprising a donning layer overlying the inside surface of said substrate body.

47. (New) The elastomeric article of claim 46, wherein said donning layer contains syndiotactic 1,2 polybutadiene.

48. (New) The elastomeric article of claim 46, further comprising a lubricant layer overlying the inside surface of said donning layer.

49. (New) The elastomeric article of claim 36, wherein the article is a glove.

50. (New) The elastomeric article of claim 36, wherein the article is a condom.

51. (New) The elastomeric article of claim 36, wherein the article is a medical device.

52. (New) The elastomeric article of claim 51, wherein the medical device is selected from the group consisting of dilatation balloons, inflatable cuffs, external catheters, catheter balloons, and instrument covers.

53. (New) The elastomeric article of claim 36, wherein the article is a flexible hose for automotive applications.

54. (New) An elastomeric glove that comprises:

a substrate body shaped to the contours of a hand, said substrate body including a layer made of at least one elastomeric block copolymer, said substrate body having an inside surface and an outside surface;

a chemical protection layer overlying said outside surface of said substrate body, said chemical protection layer being formed from a polymeric material that consists essentially of at least one crosslinked, modified-silicone elastomer, said crosslinked modified-silicone elastomer imparting relative chemical resistance to the glove; and
an optional outer layer overlying said chemical protection layer.

55. (New) The elastomeric glove of claim 54, wherein said modified silicone elastomer is selected from the group consisting of phenyl-modified silicones, vinyl-modified silicones, methyl-modified silicones, fluoro-modified silicones, alkyl-modified silicones, alkoxy-modified silicones, alkylamino-modified silicones, and combinations thereof.

56. (New) The elastomeric glove of claim 54, wherein said modified silicone elastomer is selected from the group consisting of phenyl-modified silicones, vinyl-modified silicones, methyl-modified silicones, fluoro-modified silicones.

57. (New) The elastomeric glove of claim 54, wherein said modified silicone elastomer contains a diphenyl modified dimethylsilicone.

58. (New) The elastomeric glove of claim 54, wherein said chemical protection layer has a thickness of from about 0.01 millimeters to about 0.30 millimeters.

59. (New) The elastomeric glove of claim 54, wherein said chemical protection layer has a thickness of from about 0.01 millimeters to about 0.20 millimeters.

60. (New) The elastomeric glove of claim 54, wherein said chemical protection layer defines a grip surface of the elastomeric glove.

61. (New) The elastomeric glove of claim 54, wherein said outer layer defines a grip surface of the elastomeric glove.

62. (New) The elastomeric glove of claim 54, wherein the elastomeric block copolymer of the substrate body is selected from the group consisting of styrene-ethylene-butylene-styrene block copolymers, styrene-isoprene-styrene block copolymers, styrene-polybutadiene-styrene block copolymers, styrene-isoprene block copolymers, styrene-butadiene block copolymers, and combinations thereof.

63. (New) The elastomeric glove of claim 54, wherein the elastomeric block copolymer is a styrene-ethylene-butylene-styrene triblock copolymer.

64. (New) The elastomeric glove of claim 54, further comprising a donning layer overlying the inside surface of said substrate body.

65. (New) The elastomeric glove of claim 64, wherein said donning layer contains syndiotactic 1,2 polybutadiene.

66. (New) The elastomeric glove of claim 64, further comprising a lubricant layer overlying the inside surface of said donning layer.

67. (New) An elastomeric glove that comprises:

a substrate body shaped to the contours of a hand, said substrate body including a layer made of at least one elastomeric block copolymer selected from the group consisting of styrene-ethylene-butylene-styrene block copolymers, styrene-isoprene-styrene block copolymers, styrene-polybutadiene-styrene block copolymers, styrene-isoprene block copolymers, styrene-butadiene block copolymers, and combinations thereof, said substrate body having an inside surface and an outside surface;

a chemical protection layer covering said outside surface of said substrate body, said chemical protection layer being formed from a polymeric material that consists essentially of at least one crosslinked, modified-silicone elastomer selected from the group consisting of phenyl-modified silicones, vinyl-modified silicones, methyl-modified silicones, fluoro-modified silicones, alkyl-modified silicones, alkoxy-modified silicones, alkylamino-modified silicones, and combinations thereof, said crosslinked modified-silicone elastomer imparting relative chemical resistance to the glove, wherein said chemical protection layer has a thickness of from about 0.01 millimeters to about 0.20 millimeters;

a donning layer overlying the inside surface of said substrate body, said donning layer; and

an optional outer layer overlying said chemical protection layer.

68. (New) The elastomeric glove of claim 67, wherein said modified silicone elastomer is selected from the group consisting of phenyl-modified silicones, vinyl-modified silicones, methyl-modified silicones, fluoro-modified silicones.

69. (New) The elastomeric glove of claim 67, wherein said modified silicone elastomer contains a diphenyl modified dimethylsilicone.

70. (New) The elastomeric glove of claim 67, wherein the elastomeric block copolymer is a styrene-ethylene-butylene-styrene triblock copolymer.